PROPOSED MASONRY WALL ASSEMBLY   ENV-3

PROJECT NAME	DATE

COMPONENT DESCRIPTION

OUTSIDE   INSIDE

SKETCH OF ASSEMBLY

ASSEMBLY NAME

DESCRIPTION
OF ASSEMBLY

WALL R-VALUE and HEAT CAPACITY

WALL UNIT THICKNESS   NOMINAL INCHES

MATERIAL TYPE   (LW CMU, MW CMU, NW CMU, CLAY UNIT, CLAY BRICK, CONCRETE.)

CORE TREATMENT   (SOLID, GROUTED, EMPTY, INSULATED, NA)

WALL R-VALUE   Rw (FROM TABLE B-4 or B-5)

WALL HEAT CAPACITY   HC (FROM TABLE B-4 or B-5)

FURRING/INSULATION LAYER (INSIDE and/or OUTSIDE IF ANY)

FURRING FRAMING MATERIAL   (WOOD, METAL, NONE)

FURRING FRAMING SIZE   NOMINAL INCHES   ACTUAL INCHES

FURRING SPACE INSULATION   TYPE   R-VALUE

EXTERIOR INSULATING AREA   TYPE   R-VALUE

		INSULATION LAYER R-VALUE
FURRING ASSEMBLY EFFECTIVE R-VALUE	**EXTERIOR INSULATING LAYER R-VALUE**	
+	=	Rf
(FROM TABLE B-7)	(FROM MANUFACTURER)	

WALL ASSEMBLY R-VALUE and U-FACTOR

INSULATION LAYER R-VALUE		WALL R-VALUE		WALL ASSEMBLY R-VALUE		WALL ASSEMBLY U-FACTOR
	+		=		→	
Rf		Rw		Rt		1/Rt

COMMENTS